

Abstract of the Disclosure

An apparatus for driving an occupant-protecting airbag device mounted on a vehicle is provided. The airbag device includes an airbag and a squib and the squib can be deployed by igniting the squib. The apparatus comprise plural sensors, plural A/D converters, a determination unit and an ignition circuit. Each sensor senses a physical quantity acting on the vehicle to output an analog signal indicative of the physical quantity. Each of the plural A/D converters is electrically connected to at least one of the plurality of sensors to cause each A/D converter to perform an A/D conversion on the signal. The determination unit uses the signal converted by each A/D converter to determine whether or not the airbag should be deployed. The ignition circuit causes the squib to ignite to deploy the airbag when the determination unit determines that the airbag should be deployed.

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